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PATENT

ATTORNEY DOCKET NO. 50291/004001

Certificate of Mailing: Date of Deposit: January 30, 2003

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Susan M. Cannon

Printed name of person mailing correspondence

Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: R. Chalifour et al.

Art Unit: 1647

Serial No.: 09/724,842

Examiner: S. Turner

Filed: November 28, 2000

Customer No.: 21559

Title: Vaccine for the Prevention and Treatment of Alzheimer's and Amyloid Related Diseases

Commissioner for Patents  
Washington, D.C. 20231

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REVOCATION AND NEW POWER OF ATTORNEY

Under 37 C.F.R. § 3.73(b), Neurochem, Inc., a corporation, certifies that it is the assignee of 100% of the right, title, and interest in the patent application identified above by virtue of an assignment from the inventors named on the application. The assignment was recorded in the Patent and Trademark Office at Reel 011857, Frame 0722 on May 31, 2001. A copy of the recorded assignment is enclosed.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of

attorney previously granted in the application and appoints: Paul T. Clark, Reg. No. 30,162; Karen L. Elbing, Ph.D., Reg. No. 35,238; Kristina Bieker-Brady, Ph.D., Reg. No. 39,109; Susan M. Michaud, Ph.D., Reg. No. 42,885; James D. DeCamp, Ph.D., Reg. No. 43,580; Sean J. Edman, Reg. No. 42,506; Vicki L. Healy, Ph.D., Reg. No. 48,343; Jan Tittel, Ph.D., Reg. No. 52,290; J. Cooper McDonald, Ph.D., Reg. No. 52,011; and Jeffrey Ellison, Ph.D., Reg. No. 51,649 with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should now be sent to:

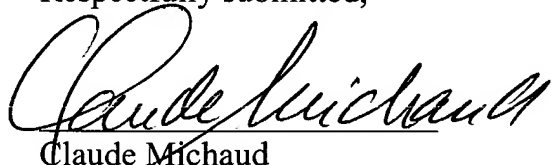
Karen L. Elbing, Ph.D.  
Clark & Elbing LLP  
101 Federal Street  
Boston, MA 02110

Telephone: 617-428-0200  
Facsimile: 617-428-7045  
Customer No.: 21559

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Date: 1/13/2003

Respectfully submitted,



Claude Michaud  
Senior Vice President, Finance & Chief  
Financial Officer  
Neurochem, Inc.





BJM  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 15, 2001

PTAS  
MINTZ, LEVIN, COHN, FERRIS ET AL  
IVOR R. ELRIFI, PH.D.  
ONE FINANCIAL CENTER  
BOSTON, MA 02111

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2001

REEL/FRAME: 011857/0722  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
CHALIFOUR, ROBERT

DOC DATE: 05/09/2001

ASSIGNOR:  
HEBERT, LISE

DOC DATE: 05/09/2001

ASSIGNOR:  
KONG, XIANQI

DOC DATE: 05/09/2001

ASSIGNOR:  
GERVAIS, FRANCINE

DOC DATE: 05/10/2001

ASSIGNEE:  
NEUROCHEM, INC.  
7220 RUE FREDERICK-BANTING, SUITE  
100  
VILLE SAINT-LAURENT QUEBEC H4S  
2A1  
CANADA

14445-501

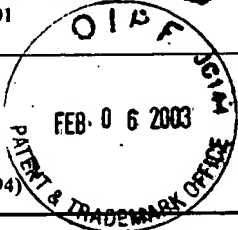
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011857/0722 PAGE 2

SERIAL NUMBER: 09724842  
PATENT NUMBER:

FILING DATE: 11/28/2000  
ISSUE DATE:

DOROTHY BASMA, EXAMINER  
ASSIGNMENT DIVISION  
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RECORDATION FORM COVER SHEET  
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FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert Chalifour  
Lise Hebert  
Xianqi Kong  
Francine Gervais

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name and address of receiving party(ies)

Name: Neurochem, Inc.

Internal Address: 7220 rue Frederick-Banting, Suite 100  
Ville Saint-Laurent  
Quebec H4S 2A1  
Canada

Street Address: Same as above

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Dates: May 9, 2001, May 9, 2001, May 9, 2001, and May 10, 2001, respectively.

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

A. Patent Application No(s):

09/724,842

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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5. Name and address of party to whom correspondence  
Concerning document should be mailed:

Name: Ivor R. Elrifi, Ph.D.  
Address: MINTZ, LEVIN, COHN, FERRIS  
GLOVSKY and POPEO, P.C.  
One Financial Center  
Boston, MA 02111

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41)

\$40.00

- ☒ Enclosed  
☒ The Commissioner is authorized to charge Deposit Account  
No: 50-0311, Reference No. 14445-501.

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shelby J. Walker, Reg. No. 45,192

*Shelby J. Walker*

Signature

May 31, 2001

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Washington, D.C. 20231

06-07-2001

Attorney Docket No. 14445-501

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)



101742067

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Patent and Trademark Office

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert Chalifour  
Lise Hebert  
Xianqi Kong  
Francine Gervais

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:

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☐ Security Agreement ☐ Change of Name  
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Name: Neurochem, Inc.

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Ville Saint-Laurent  
Quebec H4S 2A1  
Canada

Street Address: Same as above

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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A. Patent Application No(s):

09/724,842

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
Concerning document should be mailed:

Name: Ivor R. Elrifi, Ph.D.  
Address: MINTZ, LEVIN, COHN, FERRIS  
GLOVSKY and POPEO, P.C.  
One Financial Center  
Boston, MA 02111

6. Total number of applications and patents involved: [ 1 ]

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Shelby J. Walker, Reg. No. 45,192

Signature

May 31, 2001

Total number of pages including cover sheet, attachments, and document: [ 5 ]

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Washington, D.C. 20231

## ASSIGNMENT

We, **Robert Chalifour of 332 Place Ladouceur, Ile Bizard, Québec H9C 1T4, Canada, Lise Hebert of 8290 rue Sorel, Brossard, Québec J4X 1R1, Canada, Xianqi Kong of 12 Papillon Street, Dollard-des-Ormeaux, Québec H9B 3J7, Canada, and Francine Gervais of 1003 Bellevue, Ile Bizard, Québec H9C 2X5, Canada**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Neurochem, Inc.** a corporation incorporated under the Canada Business Corporation Act, with offices at **7220 rue Frederick-Banting, Suite 100, Ville Saint-Laurent, Québec H4S 2A1, Canada**, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### **VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S AND AMYLOID RELATED DISEASES**

filed with the U.S. Patent and Trademark Office on **November 28, 2000** and assigned Serial No. **09/724,842**, including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: May 9<sup>th</sup>, 2001

Robert Chalifour  
Signature of: Robert Chalifour

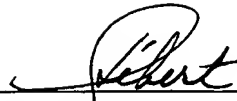
IN WITNESS WHEREOF, We have hereunto set hand and seal

Rene P. Rose  
Signature of witness:

this 9<sup>th</sup> day of May, 2001



Date: 9 mai 2001

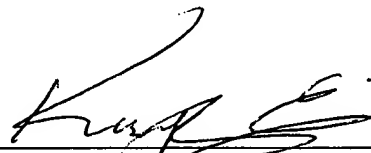
  
Signature of: **Lise Hebert**

IN WITNESS WHEREOF, We have hereunto set hand and seal


  
Signature of witness:

this 9<sup>th</sup> day of May, 2001.

Date: May 9, 2001

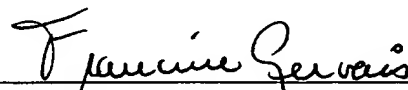
  
Signature of: **Xianqi Kong**

IN WITNESS WHEREOF, We have hereunto set hand and seal

  
Signature of witness:

this 9<sup>th</sup> day of May, 2001.

Date: May 10, 2001

  
Signature of: **Francine Gervais**

IN WITNESS WHEREOF, We have hereunto set hand and seal

  
Signature of witness:

this 10<sup>th</sup> day of May, 2001